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Claims

- 1. A pharmaceutical formulation comprising olanzapine or a pharmaceutically acceptable salt thereof as an active ingredient, obtainable by homogeneously mixing (a) olanzapine or a pharmaceutically acceptable salt thereof with (b) a monosaccharide and/or oligosaccharide and/or a reduced or oxidised form thereof, (c) a polysaccharide and optionally one or more additional excipients, followed by a direct compression of the mixture into tablets in the absence of any solvent.
- 2. The pharmaceutical formulation of claim 1 comprising 40 to 80 weight % of the component (b).
- 3. The pharmaceutical formulation of any one of claims 1 to 2 comprising 10 to 40 weight % of the polysaccharide.
- 4. The pharmaceutical formulation of any one of claims 1 to 3 additionally comprising (d) up to 15 weight % of a disintegrant.
- 5. The pharmaceutical formulation of any one of claims 1 to 4 additionally comprising (e) 5 to 20 weight % of a binder.
- 6. The pharmaceutical formulation of any one of claims 1 to 5 additionally comprising (f) 0.25 to 5 weight % of a lubricant.
- 7. The pharmaceutical formulation of any one of claims 1 to 6 additionally comprising (g) 0.1 to 0.5 weight % of a glidant.





- 8. The pharmaceutical formulation of any one of claims 1 to 7, wherein the component (b) is selected from the group consisting of lactose, sucrose, dextrose, sorbitol, mannitol, lactitol, and mixtures thereof.
- 9. The pharmaceutical formulation of claim 8, wherein the component (b) is lactose.
- 10. The pharmaceutical formulation of any one of claims 1 to 9, wherein the polysaccharide is selected from the group consisting of starch, cellulose, and mixtures thereof.
- 11. The pharmaceutical formulation of claim 10, wherein the polysaccharide is cellulose.
- 12. The pharmaceutical formulation of claim 11, wherein a mixture of 20 to 30 weight % of cellulose and 70 to 80 weight % of lactose is used as the components (b) and (c).
- 13. The pharmaceutical formulation of claim 12 comprising70 to 90 weight % of a mixture of 20 to 30 weight % of cellulose and 70 to 80 weight % of lactose;
 - 8 to 12 weight % of a binder;
 - 3 to 10 weight % of a disintegrant;
 - 0.3 to 2 weight % of a lubricant; and
 - 0.2 to 0.4 weight % of a glidant.
- 14. The pharmaceutical formulation of any one of claims 1 to 13 comprising olanzapine as the only pharmaceutically active ingredient.







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- 15. The pharmaceutical formulation of any one of claims 1 to 14 having the form of an uncoated tablet.
- 16. A process for preparing a stable pharmaceutically solid oral formulation according to any one of claims 1 to 15 comprising combining (a) olanzapine or a pharmaceutically acceptable salt thereof with (b) a monosaccharide and/or oligosaccharide and/or a reduced or oxidised form thereof, (c) a polysaccharide and optionally one or more of components (d) to (g), followed by a direct compression of the mixture into tablets in the absence of any solvent.